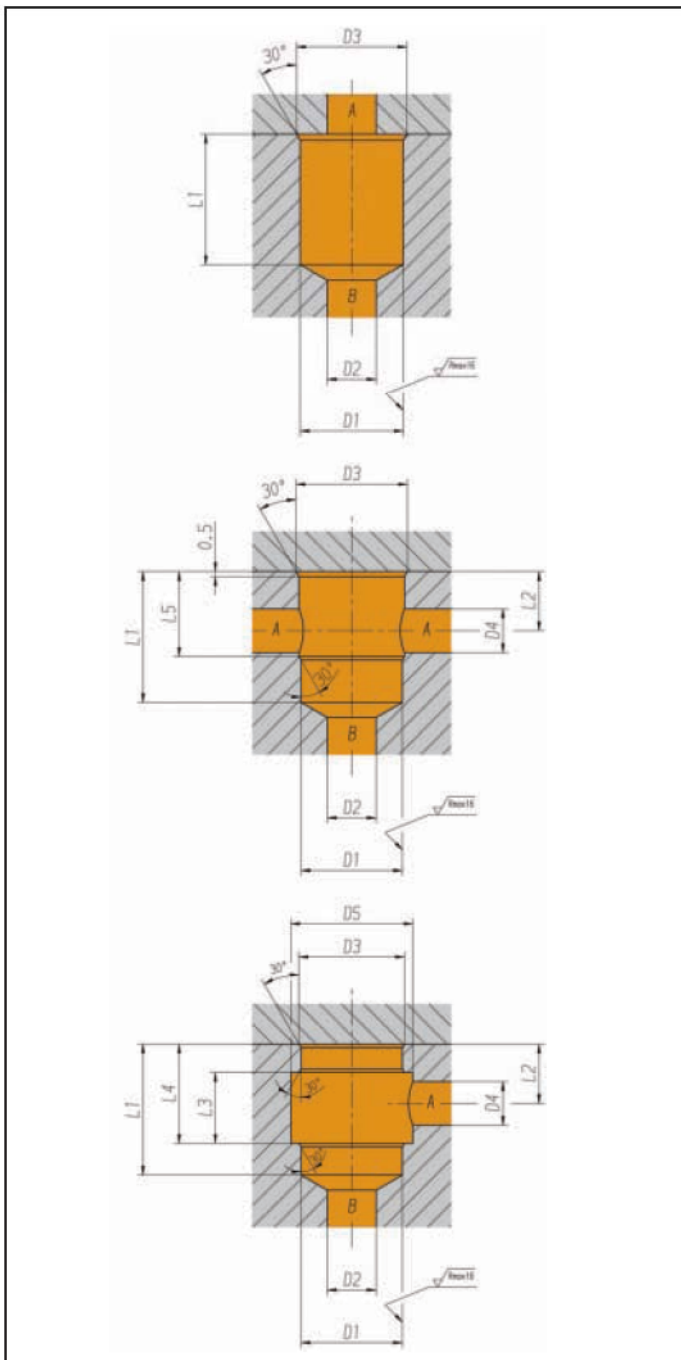


Function description Non-return valve plug-in cartridges

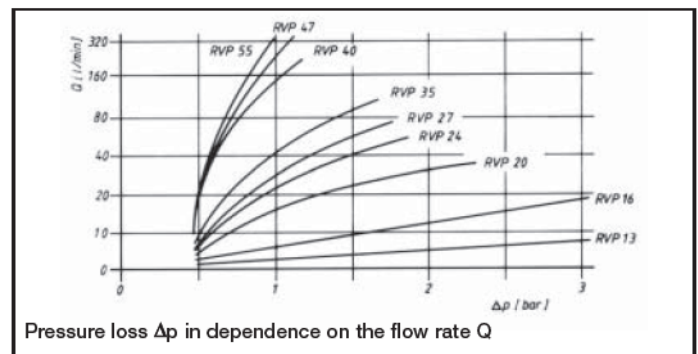
As a plug-in element for hydraulic devices with a plate structure or for direct installation in devices and machine housings, VOSS non-return valve plug-in cartridges release the flow in one direction and block it in the opposite direction.

The non-return valve plug-in cartridges are also used as intake or pre-loading valves depending on the opening pressure.

- Due to their compact design, VOSS non-return valve plug-in cartridges are also suitable for tight installation situations.
- Sealing is carried out by a spring-loaded taper with a chambered soft seal.
- Stroke limitation and damping pin on taper reduce wear to a minimum.
- Due to the shape of the inner parts, VOSS non-return valve plug-in cartridges provide for a particularly low-resistance flow.
- Thanks to the passage cross bore, VOSS non-return valve plug-in cartridges enable differing supply and flow-through directions. The housing cartridges are also available without a cross bore on request.



Flow resistance



Mounting hole

Type	D1 (D10)	D2	D3 (+0,2)	D4	D5	L1 min.	L2	L3	L4	L5
RVP 13	4		13.7	4	14	23.3	12	9	15	14.5
RVP 16	6		16.7	6	18.5	26.8	14.5	11.5	18.5	18
RVP 20	8		20.7	8	23.5	30.3	16	14	21	20.5
RVP 24	10		25	10	27.5	35.3	18	16	24	23.5
RVP 27	12		28	12	31.5	38.3	20	19	27	26.5
RVP 35	15		36	15	40.5	44.8	19.5	23	32.5	27.5
RVP 40	19		41	19	47.5	50.8	23	27.5	38.5	33
RVP 47	24		48	24	56	60.3	28	35	48	40.5
RVP 55	30		56.2	30	70	70.3	28	43	56	43.5